



| TRANSMITTAL LETTER | | | Case No. 56-419 |
|---|--------------------------------|------------------------|------------------------|
| Serial No. 10/677,111 | Filing Date October 1, 2003 | Examiner Unassigned | Group Art Unit 2857 |
| Inventor(s) Erwin Bratzdum | | | |
| Title of Invention PROCEDURE AND DEVICE FOR DATA TRANSMISSION BETWEEN A PROCESSING UNIT AND SEVERAL POSITION MEASURING INSTRUMENTS | | | |

TO THE COMMISSIONER FOR PATENTS

Transmitted herewith is Transmittal Letter (in duplicate); Information Disclosure Statement (in duplicate); PTO 1449; Copies of 8 cited references; and Return Postcard.

- ☐ Small entity status of this application under 37 CFR § 1.27 has been established by verified statement previously submitted.
- ☐ Applicant claims small entity status. See 37 CFR 1.27.
- ☐ Petition for a _____ month extension of time.
- ☒ No additional fee is required.
- ☐ The fee has been calculated as shown below:

| | | | | | Small Entity | | or | Other Than Small Entity | |
|---|----------------------------------|-------|---------------------------------|---------------|-----------------|-----------|----|-------------------------|-----------|
| | Claims Remaining After Amendment | | Highest No. Previously Paid For | Present Extra | Rate | Add'l Fee | | Rate | Add'l Fee |
| Total | | Minus | | | x \$9 = | | | x \$18 = | |
| Indep. | | Minus | | | x 43 = | | | x \$86 = | |
| First Presentation of Multiple Dep. Claim | | | | | + \$145 = | | | + \$290 = | |
| | | | | | Total add'l fee | \$ | | Total add'l fee | \$ |

- ☐ Please charge Deposit Account No. 23-1925 (BRINKS HOFER GILSON & LIONE) in the amount of \$ _____. A duplicate copy of this sheet is enclosed.
- ☐ A check in the amount of \$ _____ to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of any additional filing fees required under 37 CFR § 1.16 and any patent application processing fees under 37 CFR § 1.17 associated with this communication or credit any overpayment to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed.
- ☒ I hereby petition under 37 CFR § 1.136(a) for any extension of time required to ensure that this paper is timely filed. Please charge any associated fees which have not otherwise been paid to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

John C. Freeman
Registration No. 34,483
Attorney for Applicant
Customer No. 00757 Brinks Hofer Gilson & Lione

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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to:
Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on February 10, 2004.

Date:

February 10, 2004

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Alexandria, VA 22313-1450 on February 10, 2004

Name of Registered Representative:

John C. Freeman
John C. Freeman, Reg. No. 34,483

February 10, 2004
Date of Signature

PATENT
CASE NO. 56/419

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application:)
)
Erwin Bratzdrum)
) Group Art Unit: 2857
)
Serial No.: 10/677,111)
) Examiner: unassigned
Filed: October 1, 2003)
)
For: PROCEDURE AND DEVICE FOR)
DATA TRANSMISSION)
BETWEEN A PROCESSING UNIT)
AND SEVERAL POSITION)
MEASURING INSTRUMENTS)

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In compliance with Applicant's duty of disclosure under 37 C.F.R. § 1.56 and in conformance with 37 C.F.R. §§ 1.97-1.98, Applicant hereby submits the following references for consideration by the Examiner. Copies of the references are enclosed along with a completed copy of Form PTO-1449.

I. DISCLOSURE

A. U.S. Patents

| <u>Patent No.</u> | <u>Inventor</u> | <u>Issue Date</u> |
|--------------------------|------------------------|--------------------------|
| 6,388,906 B1 | Ferstenberg | 05/14/02 |
| 6,603,672 B1 | Deng et al. | 08/05/03 |

B. U.S. Patent Application Publications

| <u>Publication No.</u> | <u>Inventor</u> | <u>Publication Date</u> |
|-------------------------------|------------------------|--------------------------------|
| US 2002/0015389 A1 | Wastlhuber et al. | 02/07/02 |
| US 2002/0015449 A1 | Wastlhuber et al. | 02/07/02 |
| US2003/0135348 A1 | Bratzdrum et al. | 07/17/03 |

C. Foreign Patent References

| <u>Reference No.</u> | <u>Country</u> | <u>Publication Date</u> |
|-----------------------------|-----------------------|--------------------------------|
| 100 30 358 A1 | Germany | 01/03/02 |
| 100 30 357 A1 | Germany | 01/17/02 |
| 101 62 735 A1 | Germany | 07/03/03 |

II. DISCUSSION

A. German Reference No. 100 30 358

The pertinence of the '358 patent reference is discussed at pages 1, 2 and 5 of Applicant's Specification. Based solely on the drawings and the enclosed English language abstract, the '358 patent reference appears to disclose a serial data transmission method that includes transmission of actual position measuring data in response to a position request command before

transmission of further data that is not time critical. It is believed that U.S. Patent Application Publication No. US 2002/0015389 corresponds to the '358 patent reference.

B. German Reference No. 100 30 357

The pertinence of the '357 patent reference is discussed at pages 1, 2 and 5 of Applicant's Specification. Based solely on the drawings and the enclosed English language abstract, the '357 patent reference appears to disclose a method of serial data transmission that involves determining a position signal should a request for positioning data arrive during the transfer of a data element from a processing unit to a position measuring system. It is believed that U.S. Patent Application Publication No. US 2002/0015449 corresponds to the '357 patent reference.

C. German Reference No. 101 62 735

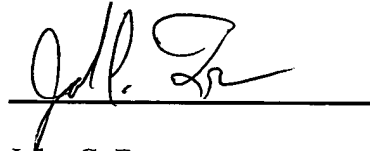
The pertinence of the '735 patent reference is discussed at page 13 of Applicant's Specification. Based solely on the drawings and the enclosed English language abstract, the '735 patent reference appears to disclose determining times of flight for position signals between a position measurement device and a signal-processing unit. It is believed that U.S. Patent Application Publication No. US 2003/0135348 corresponds to the '735 patent reference.

III. CONCLUSION

It is believed that none of these references, alone or in combination, disclose or suggest the invention claimed. However, Applicant wishes to make it clear that the disclosure of the above references is in no way an admission that they qualify as prior art. It is Applicant's desire, however, to have these references available in the record for both the Examiner and the public to see. Applicant therefore requests that the Examiner review the entire disclosure of each

reference and make the above-listed references of record.

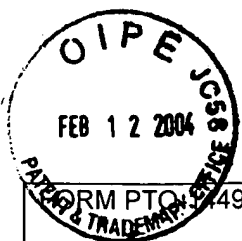
Respectfully submitted,

A handwritten signature in black ink, appearing to read "John C. Freeman", is written over a solid horizontal line.

John C. Freeman
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Attorney for Applicant

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Dated: February 10, 2004



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| FORM PTO 1449 | SERIAL NO. 10/677,111 | CASE NO. 56-419 |
| LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT | FILING DATE: October 1, 2003 | GROUP ART UNIT 2857 |
| (use several sheets if necessary) | APPLICANT(S): Erwin Bratzdrum | |

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER <small>Number-Kind Code (if known)</small> | DATE | NAME | CLASS/ SUBCLASS | FILING DATE |
|---------------------|-----|--|------------|-------------------|--------------------|----------------|
| | A1 | 6,388,906 B1 | 05/14/2002 | Ferstenberg | | |
| | A2 | 6,603,672 B1 | 08/05/2003 | Deng et al. | | |
| | A3 | US 2002/0015389 A1 | 02/07/2002 | Wastlhuber et al. | | |
| | A4 | US 2002/0015449 A1 | 02/07/2002 | Wastlhuber et al. | | |
| | A5 | US2003/0135348 A1 | 07/17/2003 | Bratzdrum et al. | | |
| | A6 | | | | | |
| | A7 | | | | | |
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| | A9 | | | | | |
| | A10 | | | | | |
| | A11 | | | | | |
| | A12 | | | | | |
| | A13 | | | | | |

FOREIGN PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER <small>Number-Kind Code (if known)</small> | DATE | COUNTRY | CLASS/ SUBCLASS | TRANSLATION YES OR NO |
|---------------------|-----|--|------------|---------|--------------------|--------------------------|
| | A14 | 100 30 358 A1 | 01/03/2002 | Germany | | Yes |
| | A15 | 100 30 357 A1 | 01/17/2002 | Germany | | Yes |
| | A16 | 101 62 735 A1 | 07/03/2003 | Germany | | Yes |
| | A17 | | | | | |
| | A18 | | | | | |

| EXAMINER INITIAL | OTHER ART – NON PATENT LITERATURE DOCUMENTS <small>(Include name of author, title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published.</small> | |
|---------------------|---|--|
| | A19 | |
| | A20 | |
| | A21 | |
| | A22 | |
| | A23 | |
| | A24 | |

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| EXAMINER | DATE CONSIDERED |
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.